

In the specification

Please amend the specification as follows:

Page 24, after line 4, add the following heading: Brief Description of the Drawings.

Page 25, after line 4, add the following heading: Detailed Description of the Invention.

Page 25, lines 13-19:

A controller 18 converts signals from a computer 20 into control signals for operating or controlling the operation of items 10, 12, 14, 16 and in turn can transmit data from these items to the computer 20, if required. Software 22 is shown loaded on the computer enabling the latter to be instructed to perform particular tasks or control items 10 to 16 in different ways, depending on the sample or experiment to be performed. Alternatively different software can be loaded as required to enable the system to perform different tasks or experiments. Shutter means shown schematically at 15 comprising an acousto-optic element is located between the laser 16 and the confocal scanning system 10 for interrupting light from the laser 16 under control of the controller 18 via a link (not shown). Second shutter means shown schematically at 17 is located between the confocal scanning system 10 and the camera 14 under control of the heat controller 18 via a link (not shown).

Page 26, lines 1-4:

The microscope[[12]] 12' is typically a Nikon eclipse model TE300 and as mentioned in relation to Fig 1 the con-focal scanning unit comprises a Yokogawa model CSU10 or CSU21. Z-axis adjustment is achieved using a Physik Instrument piezoelectric driver 22 which is controlled by a proprietary control unit 24 provided with analogue control signals from 18.